

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027980.D
 Acq On : 20 Sep 2022 22:32
 Operator : SY/MD
 Sample : N4619-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E35

Quant Time: Sep 21 05:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:52:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

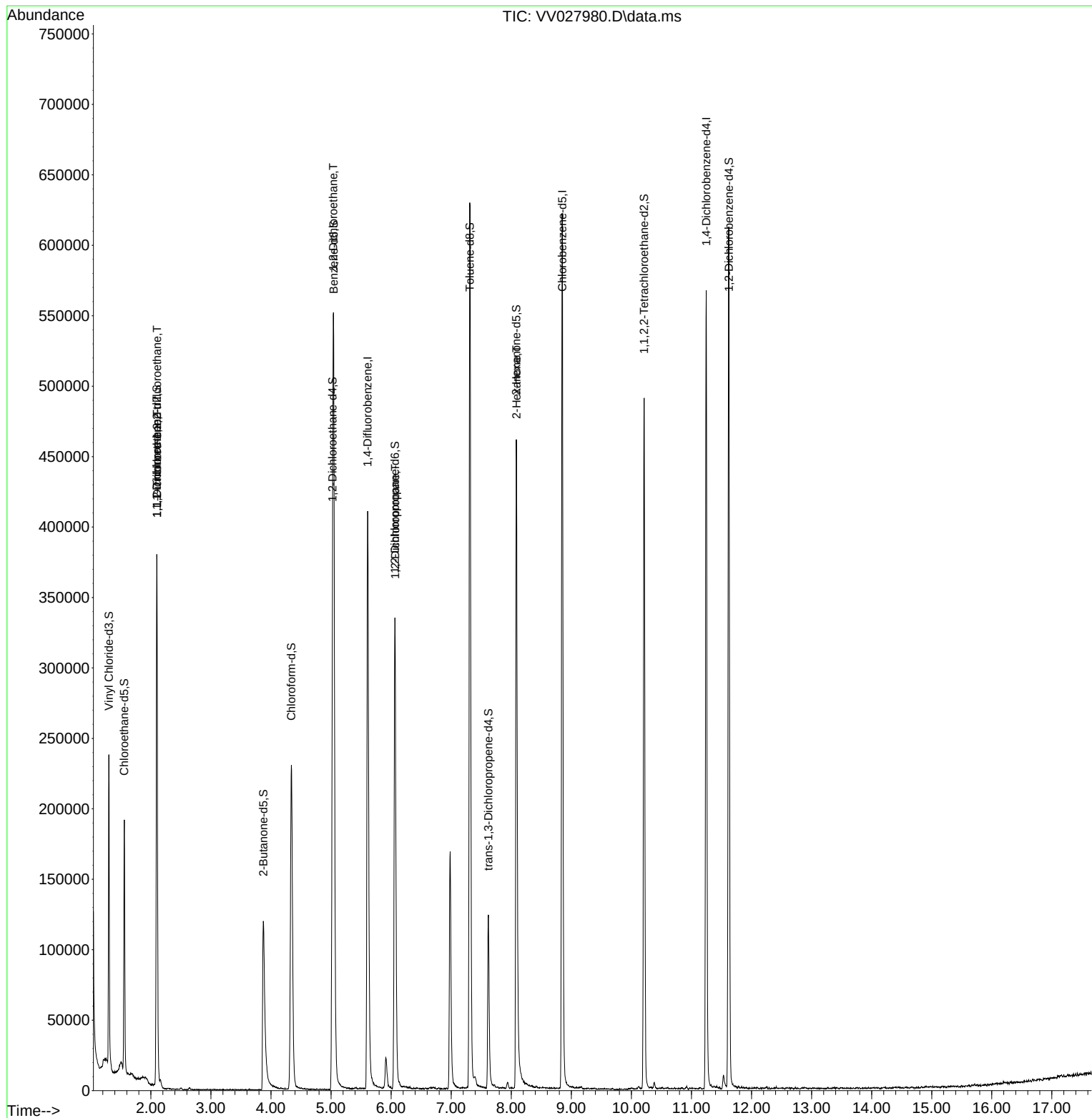
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	357756	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	342321	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	151998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	142589	45.401	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.800%	
7) Chloroethane-d5	1.558	69	118346	47.170	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.340%	
11) 1,1-Dichloroethene-d2	2.098	63	196162	35.256	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.520%	
21) 2-Butanone-d5	3.873	46	196177	105.043	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.040%	
24) Chloroform-d	4.339	84	242375	45.965	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.940%	
26) 1,2-Dichloroethane-d4	5.024	65	166213	48.640	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.280%	
32) Benzene-d6	5.043	84	477522	48.397	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.063	67	165450	54.303	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.600%	
41) Toluene-d8	7.310	98	420184	46.504	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	7.619	79	73293	48.106	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.220%	
47) 2-Hexanone-d5	8.085	63	163715	109.686	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	109.690%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	233062	51.971	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.940%	
66) 1,2-Dichlorobenzene-d4	11.622	152	158745	53.801	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2031	0.782	ug/L #	23
12) 1,1-Dichloroethene	2.101	96	2452	0.945	ug/L #	1
27) 1,2-Dichloroethane	5.037	62	2931	0.742	ug/L	99
37) 1,2-Dichloropropane	6.066	63	18976	7.083	ug/L #	87
48) 2-Hexanone	8.088	43	18932	6.107	ug/L #	65

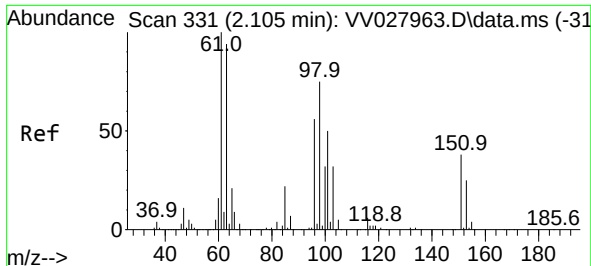
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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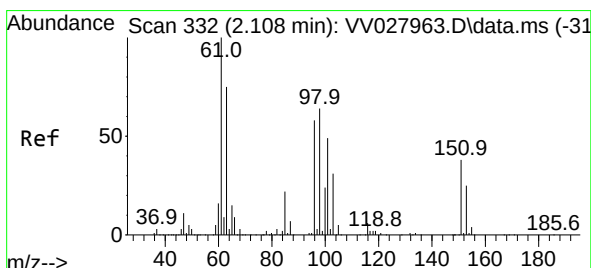
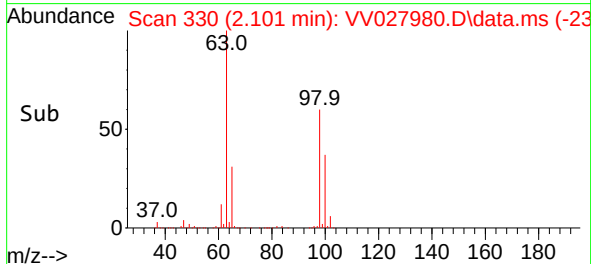
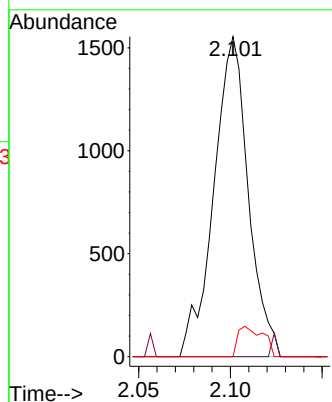
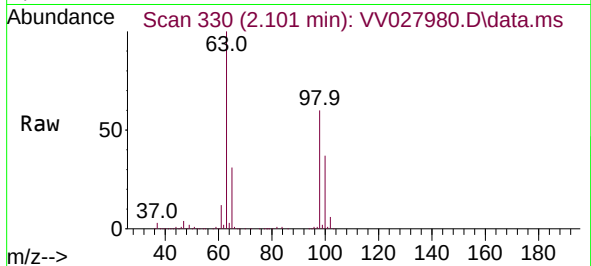




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.782 ug/L
 RT: 2.101 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV027980.D
 Acq: 20 Sep 2022 22:32

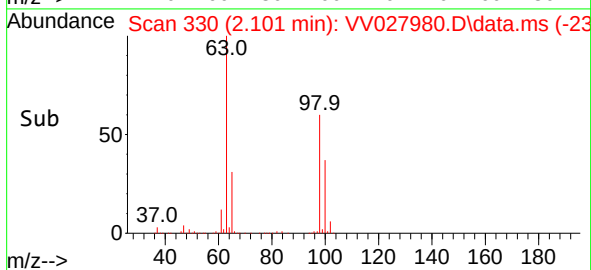
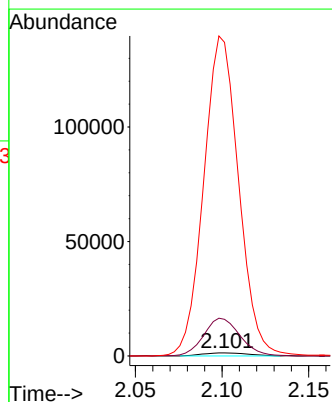
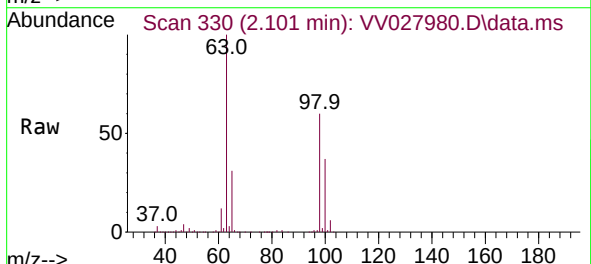
Instrument :
 MSVOA_V
 ClientSampleId :
 C0E35

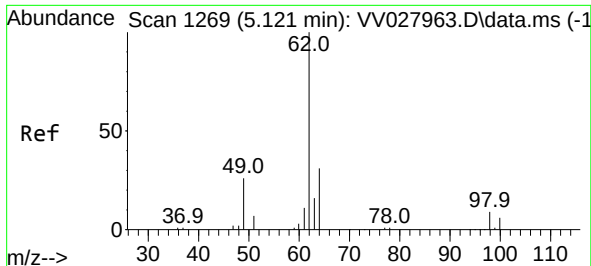
Tgt Ion:101 Resp: 2031
 Ion Ratio Lower Upper
 101 100
 85 2.0 35.6 53.4#
 151 4.8 62.2 93.4#



#12
 1,1-Dichloroethene
 Concen: 0.945 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.007 min
 Lab File: VV027980.D
 Acq: 20 Sep 2022 22:32

Tgt Ion: 96 Resp: 2452
 Ion Ratio Lower Upper
 96 100
 61 1191.1 123.7 229.7#
 63 10190.5 108.6 201.6#





#27

1,2-Dichloroethane

Concen: 0.742 ug/L

RT: 5.037 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV027980.D

Acq: 20 Sep 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

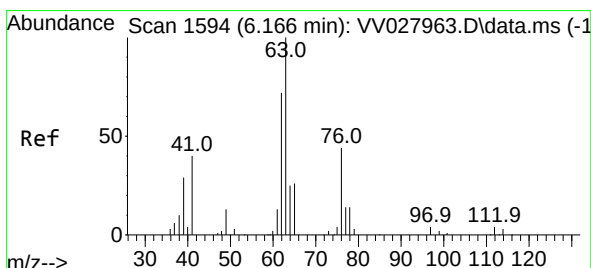
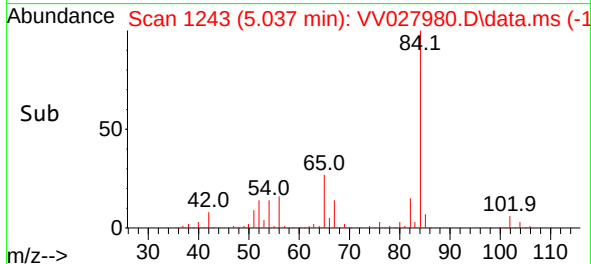
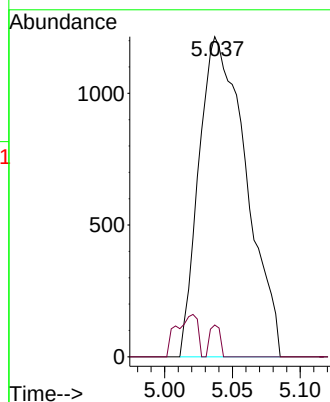
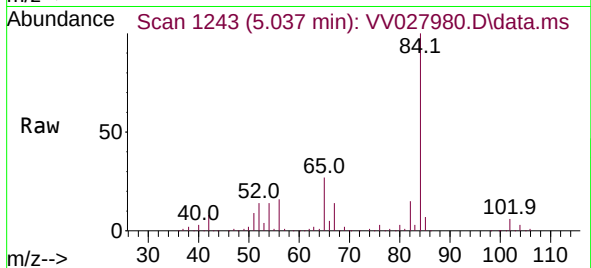
C0E35

Tgt Ion: 62 Resp: 2931

Ion Ratio Lower Upper

62 100

98 10.0 7.6 11.4



#37

1,2-Dichloropropane

Concen: 7.083 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV027980.D

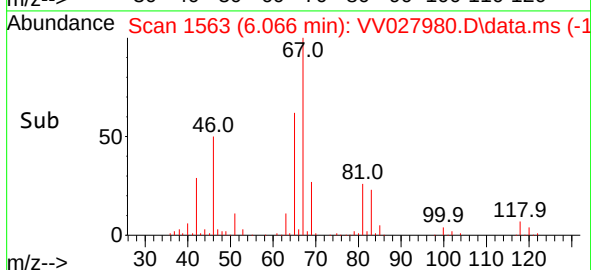
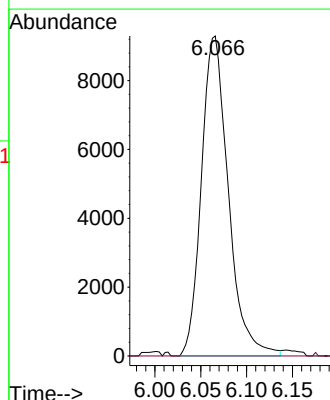
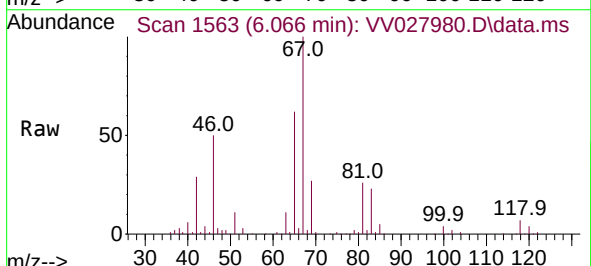
Acq: 20 Sep 2022 22:32

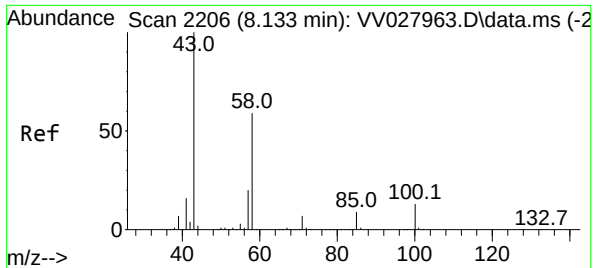
Tgt Ion: 63 Resp: 18976

Ion Ratio Lower Upper

63 100

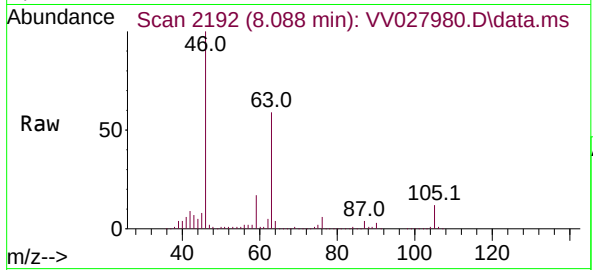
112 0.0 3.4 5.0#





#48
 2-Hexanone
 Concen: 6.107 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV027980.D
 Acq: 20 Sep 2022 22:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E35



Tgt Ion: 43	Resp:	18932
Ion	Ratio	Lower Upper
43	100	
58	30.0	45.6 68.4#
57	33.2	15.0 22.6#
100	1.0	9.9 14.9#

